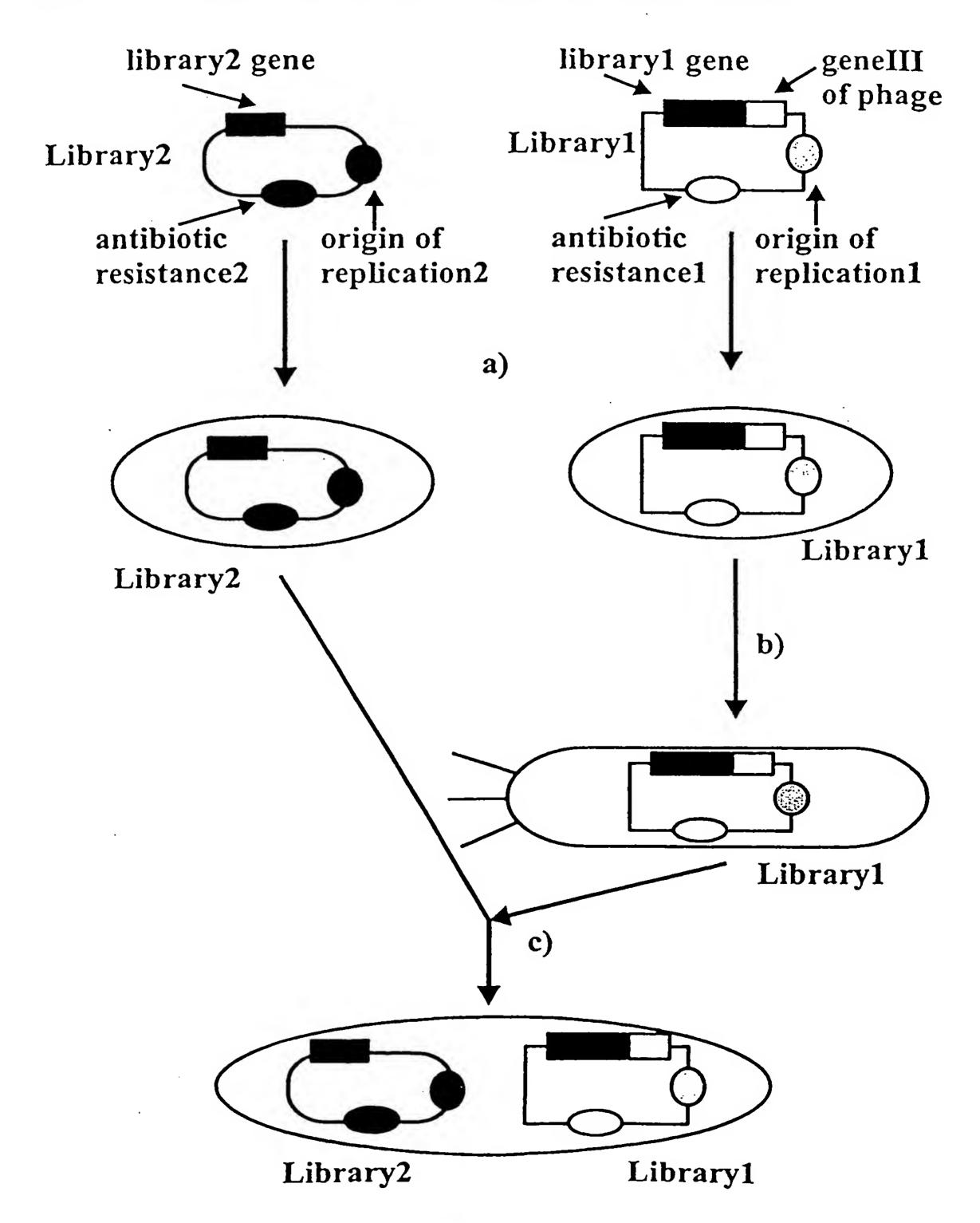
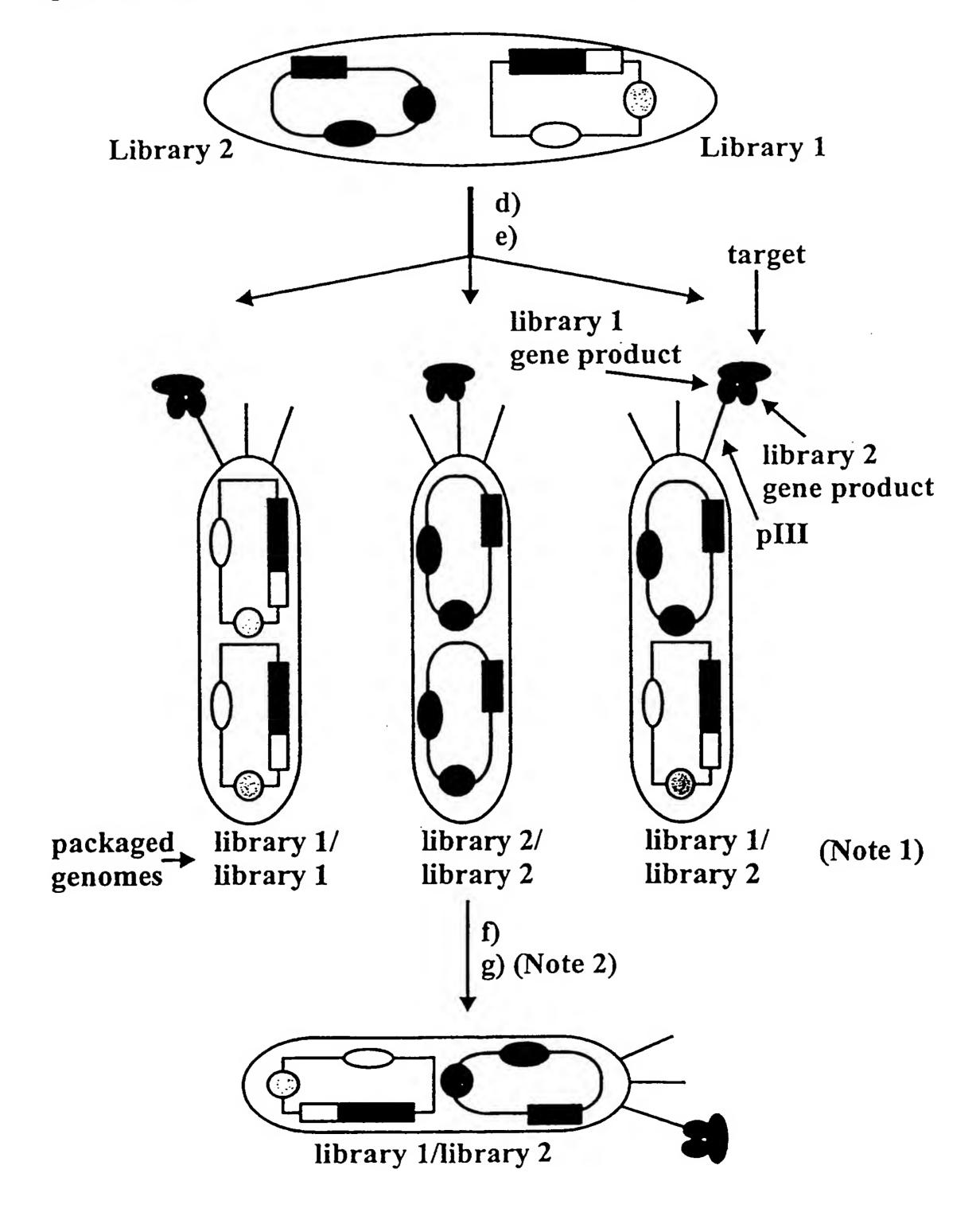
1/39
Figure 1A: General description of the polyphage principle



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Figure 1B: General description of the polyphage principle (cont.)



3/39

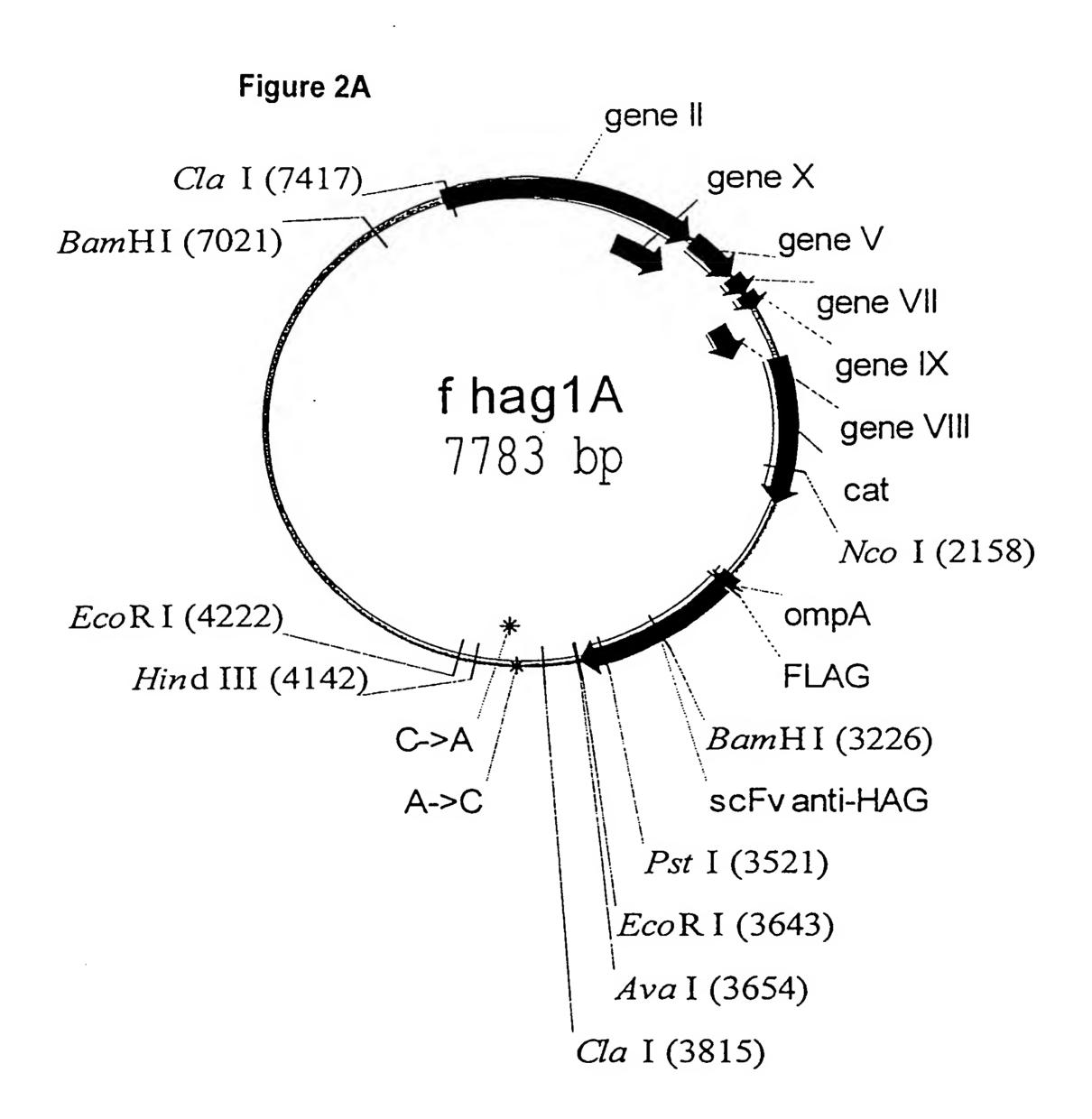


Figure 2E	3	4	1/39		
•	AACGCTACTA	CCATTAGTAG	AATTGATGCC	ACCTTTTCAG	CTCGCGCCCC
	TTGCGATGAT	GGTAATCATC	TTAACTACGG	TGGAAAAGTC	GAGCGCGGGG
51	AAATGAAAAT	ATAGCTAAAC	AGGTTATTGA	CCATTTGCGA	AATGTATCTA
	TTTACTTTTA	TATCGATTTG	TCCAATAACT	GGTAAACGCT	TTACATAGAT
101	ATGGTCAAAC	TAAATCTACT	CGTTCGCAGA	ATTGGGAATC	AACTGTTACA
	•			TAACCCTTAG	
151	TGGAATGAAA		•		
				CAACGTATAA	
201	•				TCCGCAAAAA
				GAGATTCGGT	
251					TCCTGACCTG
201				ATGACAGATT	
301				GAGGCTCGAA CTCCGAGCTT	
251					
351					GCAATTCGCT CGTTAAGCGA
401	TTGCTTCTGA				
401				TGGACTAAAA	
451					ATTCAATGAA
131				AAACTCCCCC	
501				TATCCAGTCT	
				ATAGGTCAGA	
551	CAATTACCCC	CTCTGGCAAA	ACTTCCTTTG	CAAAAGCCTC	TCGCTATTTT
	GTTAATGGGG	GAGACCGTTT	TGAAGGAAAC	GTTTTCGGAG	AGCGATAAAA
601	GGTTTCTATC	GTCGTCTGGT	TAATGAGGGT	TATGATAGTG	TTGCTCTTAC
				ATACTATCAC	
651				ATCTGCATTA	
				TAGACGTAAT	
701				CCACCTGTAA	
				GGTGGACATT	
751				TCCTCCCAAC	
				AGGAGGGTTG	
801				AGGTAATTCA	
	CATATTACTC	GGTCAAGAAT	TTTAGCGTAT	TCCATTAAGT	TTTACTAATT

Figure 2C		4	5/39		
851	AGTTGAAATT			TACTACCCGT	тстсстств
031	TCAACTTTAA			ATGATGGGCA	_
901	CTCGTCAGGG	CAAGCCTTAT	TCACTGAATG	AGCAGCTTTG	ТТАССТТСАТ
				TCGTCGAAAC	
951	TTGGGTAATG	AATATCCGGT	GCTTGTCAAG	ATTACTCTCG	ACGAAGGTCA
				TAATGAGAGC	
1001				GCATCTGTCC CGTAGACAGG	
1051	TTGGTCAGTT	CGGTTCTCTT	ATGATTGACC	GTCTGCGCCT	CGTTCCGGCT
	•			CAGACGCGGA	
1101	AAGTAACATG	GAGCAGGTCG	CGGATTTCGA	CACAATTTAT	CAGGCGATGA
				GTGTTAAATA	
1151				TTGGTATAAT	
				AACCATATTA	
1201				CCTCTTTCGT	
1051				GGAGAAAGCA	
1251				CGTTTAATGG	
1201				GCAAATTACC	
1301				GTAGCCGTTG	
1351				CATCGGCAAC	
				CGATCCCGCA GCTAGGGCGT	- -
				ATATCGGTTA	
				TATAGCCAAT	
1451	ATGGTTGTTG	TCATTGTCGG	CGCAACTATC	GGTATCAAGC	TGTTTAAGAA
	TACCAACAAC	AGTAACAGCC	GCGTTGATAG	CCATAGTTCG	
1501 .	ATTCACCTCG	AAAGCAAGCT	GATAAAGGAG	GTTTCTCGAT	CGAGACGTTN
				CAAAGAGCTA	
				TAAGATCACT	
				ATTCTAGTGA	
				AAGGAAGCTA	
				TTCCTTCGAT	
				ATCCCAATGG	
	ITTTTAGTGA	CCTATATGGT	GGCAACTATA	TAGGGTTACC	GTAGCATTTC

Figure 2D 6/39						
1701		GGCATTTCAG CCGTAAAGTC				
1751		ATATTACGGC TATAATGCCG				
1801		CCGGCCTTTA GGCCGGAAAT				
1851		CCGTATGGCA GGCATACCGT				
1901	•	CTTGTTACAC GAACAATGTG				
1951	ATCGCTCTGG TAGCGAGACC	AGTGAATACC TCACTTATGG		· · ·		
2001		TGTGGCGTGT ACACCGCACA				
2051		AGAATATGTT TCTTATACAA				
2101	CACCAGTTTT GTGGTCAAAA	GATTTAAACG CTAAATTTGC		GGACAACTTC CCTGTTGAAG		
	Nco	I.				
2151		GGGCAAATAT CCCGTTTATA	_			
2201		AGGTTCATCA TCCAAGTAGT				
2251		GAATTACAAC CTTAATGTTG				
2301		AGGCAGTTAT TCCGTCAATA				
2351		TAATAAGCGG ATTATTCGCC				
2401		CGGTTCAGGG GCCAAGTCCC			_	
2451		CCGGTTTATT GGCCAAATAA			· ·	
2501		TGAGGCCAGT ACTCCGGTCA				

Figur	e 2E		7/39		
2551	TTGCTCGAC(GATAAAAGCG CTATTTTCGC	GCTTCCTGAC	AGGAGGCCGT TCCTCCGGCA	TTTGTTTTGC
2601	AGCCCACCTC TCGGGTGGAC	AACGCAATTA TTGCGTTAAT	ATGTGAGTTA TACACTCAAT	GCTCACTCAT CGAGTGAGTA	TAGGCACCCC
2651	AGGCTTȚACA TCCGAAATGI	CTTTATGCTT GAAATACGAA	CCGGCTCGTA GGCCGAGCAT	TGTTGTGTGG ACAACACACC	AATTGTGAGC TTAACACTCG
2701	GGATAACAA1 CCTATTGTTA	TTCACACAGG AAGTGTGTCC	AAACAGCTAT TTTGTCGATA	GACCATGATT CTGGTACTAA	ACGAATTTCT TGCTTAAAGA
2751	AGATAACGAG	GGCAAATCAT CCGTTTAGTA	GAAAAAGACA CTTTTTCTGT	GCTATCGCGA	TTGCAGTGGC AACGTCACCG
2801	ACTGGCTGGT TGACCGACCA	TTCGCTACCG AAGCGATGGC	TAGCGCAGGC ATCGCGTCCG	CGACTACAAA GCTGATGTTT	GATATCGTTA CTATAGCAAT
2851		ACCGTCCTCC TGGCAGGAGG			
2901		CCTCCTCCCA GGAGGAGGGT			
2951		TGGTATCAGC ACCATAGTCG			
3001		TTCCACCCGT AAGGTGGGCA			
3051		GCACCGACTT CGTGGCTGAA			
3101		GTTTACTACT CAAATGATGA			
3151		CACCAAACTG GTGGTTTGAC			
			BamHI		
3201	GGAGGAGGTG CCTCCTCCAC	GGAGTGGGGG CCTCACCCCC	AGGTGGATCC TCCACCTAGG	GGCGGGGGAG CCGCCCCTC	GTTCAGGGGG CAAGTCCCCC
3251	TGGCGGTAGT ACCGCCATCA	GGAGGGGGCG CCTCCCCGC	GTTCAGAAGT CAAGTCTTCA	TCAACTAGTT AGTTGATCAA	GAATCCGGTG CTTAGGCCAC
3301	GTGACCTGGT CACTGGACCA	TAAACCGGGT (GGTTCCCTGA CCAAGGGACT	AACTGTCCTG TTGACAGGAC	CGCTGCTTCC GCGACGAAGG

Figure 2F		8	3/39		
3351		TCTCCTCCTA	CGGTATGTCC	TGGGTTCGTC ACCCAAGCAG	
3401				CAACGGTGGT GTTGCCACCA	
3451		- ·		CCATCTCCCG GGTAGAGGGC	
		PstI			
3501	-		GATGTCCTCC	CTGAAATCCG GACTTTAGGC	
3551				CGACGAAAAC GCTGCTTTTG	
					ECORI
3601				CAGCTTCCGG	
	AvaI				
3651	GCCTCGGGGG			TCCGGTGATT AGGCCACTAA	
3701				GACCGAAAAT CTGGCTTTTA	
3751				TTGATTCTGT AACTAAGACA	
		ClaI			•
3801		• • • • • • • • • • • • • • • • • • • •		GACGTTTCCG CTGCAAAGGC	
3851				CTCTAATTCC GAGATTAAGG	
3901		4		TGAATAATTT ACTTATTAAA	
3951				CGCCCTTTTG GCGGGAAAAC	
4001				TGACAAAATA ACTGTTTTAT	
4051				CCACCTTTAT GGTGGAAATA	

Figure 2G		9	0/39		
ı ıguı	6 20				HindIII
4101		CTAACATACT GATTGTATGA			
4151		CGAAAGCAAG GCTTTCGTTC		GATACAATTA CTATGTTAAT	
			EcoRI		
4201	TTGGAGCCTT AACCTCGGAA	TTTTTTTGGA AAAAAAACCT	GAATTCAATC CTTAAGTTAG		
4251		TTGCGTTTCC AACGCAAAGG			
4301	ATCTGCTTAC TAGACGAATG	TTTCCTTAAA AAAGGAATTT	AAGGGCTTCG TTCCCGAAGC	-	TATTGCTATT ATAACGATAA
4351		TTGCTCTTAT AACGAGAATA			
4401	TCTCTCTGAT AGAGAGACTA	ATTAGCGCAC TAATCGCGTG	AATTACCCTC TTAATGGGAG		
4451		CCCGTCTAAT GGGCAGATTA			
4501	GTAAAGGCTG CATTTCCGAC	CTATTTTCAT GATAAAAGTA	TTTTGACGTT AAAACTGCAA		TCGTTTCTTA AGCAAAGAAT
4551		GATAAATAAA CTATTTATTT			
4601		AAGACGCTCG TTCTGCGAGC			
4651		CAAAATAGCA GTTTTATCGT			
4701	CCGCAAGTCG	GGAGGTTCGC CCTCCAAGCG			
4751		ATTTCTGATT TAAAGACTAA			
4801		TAAAAACGGT ATTTTTGCCA			-
4851		GTTCATGGAA CAAGTACCTT			

Figu	re 2H	1	0/39		
4901	GTTTCTTC	GCTCGTAAAT	0.00	ጥ እ ጥጥ እ ጥጥጥጥ	
1701					GAACAAGTCC
4951	ATTTATCTAT	TGTTGATAAA	CAGGCGCGTT	CTGCATTAGC	TGAACACGTT
					ACTTGTGCAA
5001		GCCGTCTGGA		-	
	CAAATAACAG	CGGCAGACCT	GTCTTAATGA	AATGGGAAAC	AGCCGTGAAA
5051	ATATTCTCTT	GTTACTGGCT	CAAAAATGCC	TCTGCCTAAA	TTACATGTTG
	TATAAGAGAA	CAATGACCGA	GTTTTTACGG	AGACGGATTT	AATGTACAAC
5101	GTGTTGTTAA	ATATGGTGAT	TCTCAATTAA	GCCCTACTGT	TGAGCGTTGG
	CACAACAATT	TATACCACTA	AGAGTTAATT	CGGGATGACA	ACTCGCAACC
5151	CTTTATACTG	GTAAGAATTT	ATATAACGCA	TATGACACTA	AACAGGCTTT
	GAAATATGAC	CATTCTTAAA	TATATTGCGT	ATACTGTGAT	TTGTCCGAAA
5201	TTCCAGTAAT	TATGATTCAG	GTGTTTATTC	ATATTTAACC	CCTTATTTAT
		ATACTAAGTC			
5251	CACACGGTCG	GTATTTCAAA	CCATTAAATT	TAGGTCAGAA	GATGAAATTA
		CATAAAGTTT			
5301	ACTAAAATAT	ATTTGAAAAA	GTTTTCTCGC	GTTCTTTGTC	TTGCGATAGG
	TGATTTTATA	TAAACTTTTT	CAAAAGAGCG	CAAGAAACAG	AACGCTATCC
5351	ATTTGCATCA	GCATTTACAT	ATAGTTATAT	AACCCAACCT	AAGCCGGAGG
	TAAACGTAGT	CGTAAATGTA	TATCAATATA	TTGGGTTGGA	TTCGGCCTCC
5401		AGTCTCTCAG			
	AATTTTTCCA	TCAGAGAGTC	TGGATACTAA	AACTATTTAA	GTGATAACTG
5451		GTCTTAATCT			
	AGAAGAGTCG	CAGAATTAGA	TTCGATAGCG	ATACAAAAGT	TCCTAAGATT
5501		ATTAATAGCG			
	CCCTTTTAAT	TAATTATCGC	TGCTAAATGT	CTTCGTTCCA	ATAAGGTAGT
5551	CATATATTGA	TTTATGTACT	GTTTCAATTA	AAAAAGGTAA	TTCAAATGAA
·	GTATATAACT	AAATACATGA	CAAAGTTAAT	TTTTTCCATT	AAGTTTACTT
5601	ATTGTTAAAT	GTAATTAATT	TTGTTTTCTT	GATGTTTGTT	TCATCATCTT
		CATTAATTAA			
5651	CTTTTGCTCA	AGTAATTGAA	ATGAATAATT	CGCCTCTGCG	CGATTTCGTG
		TCATTAACTT			
5701	ACTTGGTATT	CAAAGCAAAC	AGGTGAATCT	GTTATTGTCT	CACCTGATGT
		GTTTCGTTTG			

Figi	ure 2I	1	1/39		:
5751		GTGACTGTAT	ATTCCTCTGA	CGTTAAGCCT GCAATTCGGA	
5801				ATAATTTTGA TATTAAAACT	
5851		CCATAATTCA GGTATTAAGT		CCAAATAGTC GGTTTATCAG	AGGATTATAT TCCTAATATA
5901				ATATGATGAT TATACTACTA	
5951	•			ATAATGTTAC TATTACAATG	
6001	AAAATTAATA TTTTAATTAT	ACGTTCGCGC TGCAAGCGCG	AAAGGATTTA TTTCCTAAAT	ATAAGGGTTG TATTCCCAAC	TAGAATTGTT ATCTTAACAA
6051				TGTATTATCT ACATAATAGA	411
6101		•		ATATTTTAGA TATAAAATCT	
6151				GACCAGATAT CTGGTCTATA	
6201	_			TTTAGATTTT AAATCTAAAA	
6251				GTGTTAATAC CACAATTATG	
6301			_	TTCGGTATTT AAGCCATAAA	
6351				GACTAATAGC CTGATTATCG	
6401		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ 		CAGGTCAGAA GTCCAGTCTT	
6451				GGTCGTGTAA CCAGCACATT	
6501				TGAGCGTCAA ACTCGCAGTT	
6551				CTGGCGGTAA GACCGCCATT	

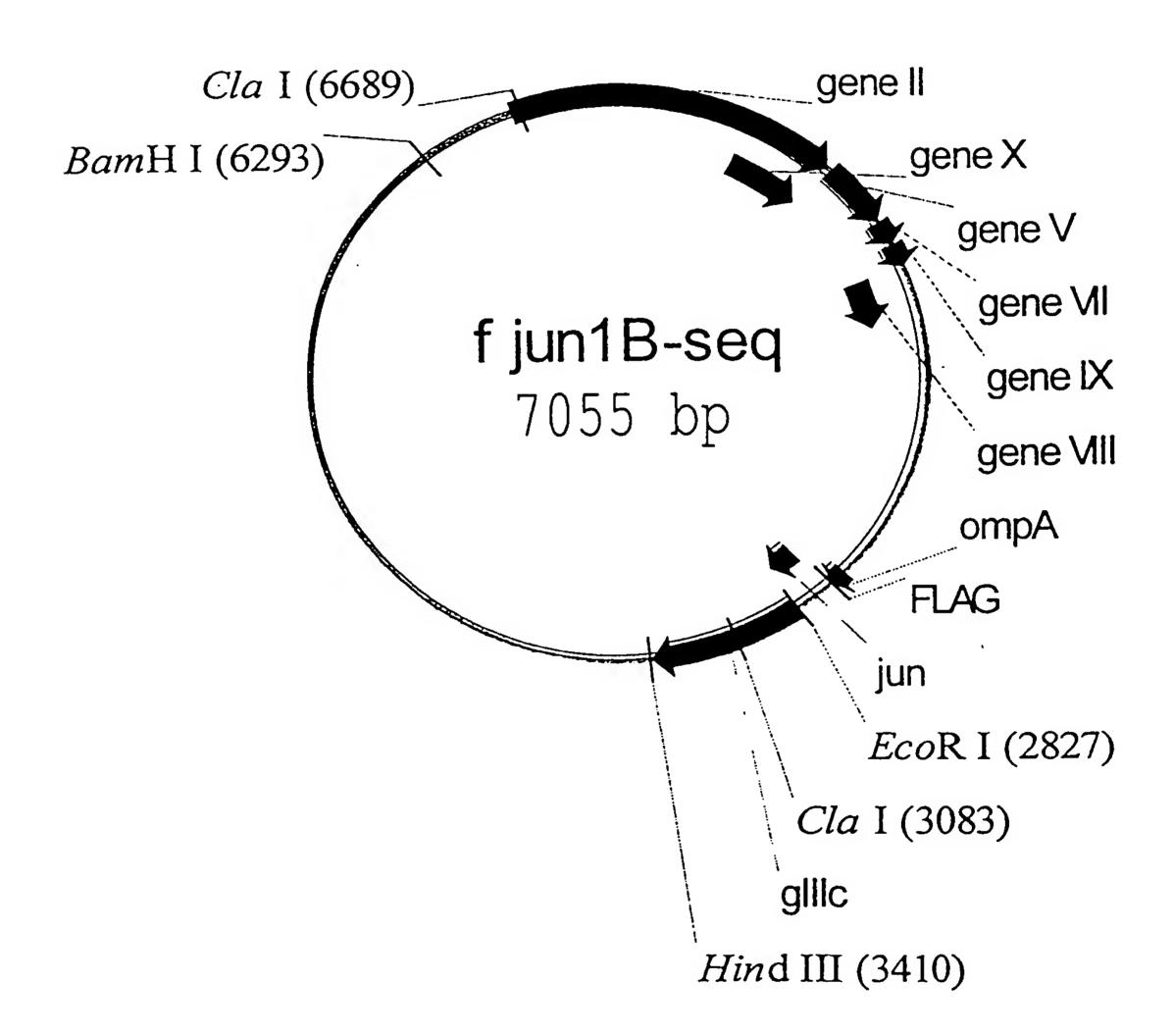
Figu	re 2J	1	2/39		
6601		GTAAGGCCGA	TAGTTTGAGT		AGGCAAGTGA TCCGTTCACT
6651					TTGCGTGATG AACGCACTAC
6701					CACTTCTCAA GTGAAGAGTT
6751			GTCTAAAATC CAGATTTTAG	· · ·	GCCTCCTGTT CGGAGGACAA
6801	•				GTGCTCGTCA CACGAGCAGT
6851	AAGCAACCAT TTCGTTGGTA		CTGTAGCGGC GACATCGCCG		CGGCGGGTGT GCCGCCCACA
6901	GGTGGTTACG CCACCAATGC				CTAGCGCCCG GATCGCGGGC
6951			TCCTTTCTCG AGGAAAGAGC		CGGCTTTCCC GCCGAAAGGG
			BamHI		
7001			GATCCCTTTA CTAGGGAAAT		
7051			AACTTGATTT TTGAACTAAA		
7101			GTTTTTCGCC CAAAAAGCGG		
7151	TTCTTTAATA AAGAAATTAT	GTGGACTCTT CACCTGAGAA	GTTCCAAACT CAAGGTTTGA	GGAACAACAC CCTTGTTGTG	
7201			TATAAGGATT ATATTCCTAA		
7251			TAACAAATAT ATTGTTTATA		
7301	ACATTAACGT TGTAATTGCA		AATATTTGCT TTATAAACGA		
7351	GGGGCTTTTC CCCCGAAAAG		CCGGGGTACA GGCCCCATGT		

Figure 2K 13/39

		~~~~~			
7401					TTCAGGTAAT
	ATGCTAATGG	CAAGTAGCTA	AGAGAACAAA	CGAGGTCTGA	AAGTCCATTA
7451		CCTTTGTAGA			
	CTGGACTATC	GGAAACATCT	GGAGAGTTTT	TATCGATGGG	AGAGGCCGTA
7501		GCTAGAACGG			
	CTTAAATAGT	CGATCTTGCC	AACTTATAGT	ATAACTGCCA	CTAAACTGAC
7551		TTCTCACCCG			
	AGAGGCCGGA	AAGAGTGGGC	AAACTTAGAA	ACGGATGAGT	AATGAGGCCG
7601	3 MMC ( ) 3 MMM 3	* * * * * * * * * * * * * * * * * * * *	000000000		
7601		AAATATATGA			_
	TAACGTAAAT	TTTATATACT	CCCAAGATTT	TTAAAAATAG	GGACGCAACT
2651	3 3 mm 3 3 CCCm	mar aar aar r	11 Cm1 mm1 C1		
7651		TCACCAGCAA			
	TTAATTCCGA	AGTGGTCGTT	TTCATAATGT	CCCAGTATTA	CAAAAACCAT
7701	C	A COMMUNICO	mama a a a a mm	Ma mma amma a	
7701		AGCTTTATGC			
	GIIGGCIAAA	TCGAAATACG	AGACTCCGAA	ATAACGAATT	AAAACGATTG
7751	ጥርጥርጥርርርጥጥ	GCTTGTACGA	ייים איייבים אייי דייים איייבים אייי	CTT	
, , , <u>,</u> _					
	AGAGACGGAA	CGAACATGCT	AAATAACCTA	CAA	

14/39

Figure 3A



# **Figure 3B** 15/39

		•			
1	AACGCTACTA	CCATTAGTAG	AATTGATGCC	ACCTTTTCAG	CTCGCGCCCC
	TTGCGATGAT	GGTAATCATC	TTAACTACGG	TGGAAAAGTC	GAGCGCGGG
51	<u>አአአጥ</u>	3 T 3 C C T 3 3 3 C	አ // ርጥጥ አ ጥጥ // አ	CC N TTTTCCC N	) ) MOM) MOM)
21		ATAGCTAAAC			·
	TTTACTTTTA	TATCGATTTG	TCCAATAACT	GGTAAACGCT	TTACATAGAT
101	ATGGTCAAAC	TAAATCTACT	CGTTCGCAGA	ATTGGGAATC	AACTGTTACA
	TACCAGTTTG	ATTTAGATGA	GCAAGCGTCT	TAACCCTTAG	TTGACAATGT
151	ጥርርን አጥርን አ	CTTCCAGACA	CCCTA CTTTA	<b>クサザククス ザス ササ</b>	T
151					
	ACCITACTIT	GAAGGTCTGT	GGCATGAAAT	CAACGTATAA	ATTTTGTACA
201	TGAACTACAG	CACCAGATTC	AGCAATTAAG	CTCTAAGCCA	TCCGCAAAAA
	ACTTGATGTC	GTGGTCTAAG	TCGTTAATTC	GAGATTCGGT	AGGCGTTTTT
251	TGACCTCTTA	TCAAAAGGAG	CAATTAAAGG	ТАСТСТСТАА	тсстсасстс
231		AGTTTTCCTC		<del>_</del>	
	AC I GOAGAA I	AGITITECTE	GITAMITICC	AIGACAGAII	AGGACIGGAC
301	TTGGAATTTG	CTTCCGGTCT	GGTTCGCTTT	GAGGCTCGAA	TTGAAACGCG
	AACCTTAAAC	GAAGGCCAGA	CCAAGCGAAA	CTCCGAGCTT	AACTTTGCGC
351	ATATTTGAAG	TCTTTCGGGC	TTCCTCTTAA	TCTTTTTGAT	GCAATTCGCT
	TATAAACTTC	AGAAAGCCCG	AAGGAGAATT	AGAAAAACTA	CGTTAAGCGA
					001111100011
401	ттссттстса	CTATAATAGA	CACCCTAAAC	מ כי בי בי איני איני איני איני איני איני אי	ער א תיתיים ידירים
401					
	AACGAAGACI	GATATTATCT	GICCCATTIC	IGGACTAAAA	ACTAAATACC
451		TTTCTGAACT		· -	<del>-</del>
	AGTAAGAGCA	AAAGACTTGA	CAAATTTCGT	AAACTCCCCC	TAAGTTACTT
501	TATTTATGAC	GATTCCGCAG	TATTGGACGC	TATCCAGTCT	AAACATTTTA
	ATAAATACTG	CTAAGGCGTC	ATAACCTGCG	ATAGGTCAGA	TTTGTAAAAT
					11101.00.1
551	CAATTACCCC	CTCTGGCAAA	አ ርጥጥር ርጥጥጥር	CAAAACCCTC	ጥርርርር ውኔ ጥጥጥጥ
221					
	GITAATGGGG	GAGACCGTTT	TGAAGGAAAC	GTTTTCGGAG	AGCGATAAAA
601	GGTTTCTATC	GTCGTCTGGT	TAATGAGGGT	TATGATAGTG	TTGCTCTTAC
	CCAAAGATAG	CAGCAGACCA	ATTACTCCCA	ATACTATCAC	AACGAGAATG
				•	
651	CATGCCTCGT	AATTCCTTTT	GGCGTTATGT	ATCTGCATTA	GTTGAGTGTG
		TTAAGGAAAA			
	OTACOGRACA	TIMOOMM	CCGCAATACA	INONCOINAI	CAACICACAC
701	<i>a</i> ma mmaama a	> mama> > mma	> ma> > mamma	GG3 GG@G@3 5	
701		ATCTCAATTG			
	CATAAGGATT	TAGAGTTAAC	TACTTAGAAA	GGTGGACATT	ATTACAACAA
751	CCGTTAGTTC	GTTTTATTAA	CGTAGATTTT	TCCTCCCAAC	GTCCTGACTG
	GGCAATCAAG	CAAAATAATT	GCATCTAAAA	AGGAGGGTTG	CAGGACTGAC
			· - · - ·		
801	СТАТААТСАС	CCAGTTCTTA	<u>ል ል ል ጥርርር ል ጥ</u> ል	<b>ልርር</b> ሞል አጥጥር አ	ስ ስ ስጥር ስጥጥ ስ
001					
	CATALIACIC	GGTCAAGAAT	TITAGCGIAI	ICCATTAAGT	TITACTAATT

<b>Figure</b>	3C	16	5/39		
851	AGTTGAAATT	AAACCGTCTC		TACTACCCGT	TCTGGTGTTT
031		TTTGGCAGAG			
901	CTCGTCAGGG	CAAGCCTTAT	TCACTGAATG	AGCAGCTTTG	TTACGTTGAT
	GAGCAGTCCC	GTTCGGAATA	AGTGACTTAC	TCGTCGAAAC	AATGCAACTA
951	TTGGGTAATG	AATATCCGGT	GCTTGTCAAG	ATTACTCTCG	ACGAAGGTCA
	AACCCATTAC	TTATAGGCCA	CGAACAGTTC	TAATGAGAGC	TGCTTCCAGT
1001	GCCAGCGTAT	GCGCCTGGTC	TGTACACCGT	GCATCTGTCC	TCGTTCAAAG
	CGGTCGCATA	CGCGGACCAG	ACATGTGGCA	CGTAGACAGG	AGCAAGTTTC
1051	TTGGTCAGTT	CGGTTCTCTT	ATGATTGACC	GTCTGCGCCT	CGTTCCGGCT
	AACCAGTCAA	GCCAAGAGAA	TACTAACTGG	CAGACGCGGA	GCAAGGCCGA
1101	AAGTAACATG	GAGCAGGTCG			
		CTCGTCCAGC		GTGTTAAATA	
1151		CGTTGTACTT			
					GCGACCCCCA
1201		TGTTTTAGTG			
		ACAAAATCAC			
1251		GTGGCATTAC			
1201		CACCGTAATG			
1301		CTTTAGTCCT			
1251		TCTTTCGCTG			GATGGGAGCA
1351		AGAAAGCGAC			
1401		GCAAGCCTCA			
1401		CGTTCGGAGT			
1451					TGTTTAAGAA
1421		AGTAACAGCC			
1501		AAAGCAAGCT			
1201		TTTCGTTCGA			
1551		CAACTTTCAC			
1991		GTTGAAAGTG			
1.601					
1601		TATCGAGATT ATAGCTCTAA			
1.663		GGATATACCA			
1651		CCTATATGGT			
	TITITUGICA	CCIMINIGGI	COUNTRICE	*************	GIAGCATILE

<b>Figure</b>	3D	11	7/39		
1701	<b>አ አ ር አ ጥጥጥጥር አ</b>	GGCATTTCAG		AATGTACCTA	TAACCAGACC
1701	TTGTAAAACT			TTACATGGAT	
1751	GTTCAGCTGG	ATATTACGGC	CTTTTTAAAG	ACCGTAAAGA	AAAATAAGCA
	CAAGTCGACC	TATAATGCCG	GAAAAATTTC	TGGCATTTCT	TTTTATTCGT
1801	CAAGTTTTAT	CCGGCCTTTA	TTCACATTCT	TGCCCGCCTG	ATGAATGCTC
	GTTCAAAATA	GGCCGGAAAT	AAGTGTAAGA	ACGGGCGGAC	TACTTACGAG
1851	ATCCGGAGTT	CCGTATGGCA	ATGAAAGACG	GTGAGCTGGT	GATATGGGAT
	TAGGCCTCAA	GGCATACCGT	TACTTTCTGC	CACTCGACCA	CTATACCCTA
1901		CTTGTTACAC			
		GAACAATGTG			
1951	ATCGCTCTGG	AGTGAATACC			
	TAGCGAGACC			GGCCGTCAAA	
2001		TGTGGCGTGT			
		ACACCGCACA			
2051		AGAATATGTT			•
		TCTTATACAA			
2101		GATTTAAACG			
		CTAAATTTGC			
2151		GGGCAAATAT			_
0003		CCCGTTTATA		CGCTGTTCCA	
2201	-	AGGTTCATCA TCCAAGTAGT			
2251		GAATTACAAC			
2251		CTTAATGTTG			
	TIACGARITA	CITARIGITO	10110110001	1101010010	
2301	AATTTTTTTA	AGGCAGTTAT	TGGTGCCCTT	AAACGCCTGG	TGCTAGCCTG
	TTAAAAAAAT	TCCGTCAATA	ACCACGGGAA	TTTGCGGACC	ACGATCGGAC
2351		GCTCAGGCTC			
		CGAGTCCGAG			
2401		TTCCTGACAG			
		AAGGACTGTC			
2451		GTGAGTTAGC			
		CACTCAATCG			
2501		GGCTCGTATG			
	AATACGAAGG	CCGAGCATAC	AACACACCTT	AACACTCGCC	TATTGTTAAA

Figure	3E	18	8/39		
2551	CACACAGGAA GTGTGTCCTT			GAATTTCTAG CTTAAAGATC	
2601	CAAAAAATGA GTTTTTTACT			GCAGTGGCAC CGTCACCGTG	
2651				TGTCGACGCC ACAGCTGCGG	
2701				TGAAAGCGCA ACTTTCGCGT	
2751				CAGGTGGCAC GTCCACCGTG	
			EcoR	[ 	
2801				CAATGCTGGC GTTACGACCG	
2851				GTGGCTCTGA CACCGAGACT	
2901				TCCGGTGGTG AGGCCACCAC	
2951				CGCTAATAAG GCGATTATTC	
3001				CTGACGCTAA GACTGCGATT	
				ClaI	
3051				ATCGATGGTT TAGCTACCAA	
3101	·			TACTGGTGAT ATGACCACTA	
3151				GTGATAATTC CACTATTAAG	
3201		<b>-</b>		CCTCAATCGG GGAGTTAGCC	
3251				TGAATTTTCT ACTTAAAAGA	
3301		_		CGTTTCTTTT GCAAAGAAAA	

#### Figure 3F 19/39 ACCTTTATGT ATGTATTTTC TACGTTTGCT AACATACTGC GTAATAAGGA 3351 TGGAAATACA TACATAAAAG ATGCAAACGA TTGTATGACG CATTATTCCT HindIII GTCTTGATAA GCTTCGAGAA ATTCACCTCG AAAGCAAGCT GATAAACCGA 3401 CAGAACTATT CGAAGCTCTT TAAGTGGAGC TTTCGTTCGA CTATTTGGCT TACAATTAAA GGCTCCTTTT GGAGCCTTTT TTTTTGGAGA ATTAATTCAA 3451 ATGTTAATTT CCGAGGAAAA CCTCGGAAAA AAAAACCTCT TAATTAAGTT TCATGCCAGT TCTTTTGGGT ATTCCGTTAT TATTGCGTTT CCTCGGTTTC 3501 AGTACGGTCA AGAAAACCCA TAAGGCAATA ATAACGCAAA GGAGCCAAAG CTTCTGGTAA CTTTGTTCGG CTATCTGCTT ACTTTCCTTA AAAAGGGCTT 3551 GAAGACCATT GAAACAAGCC GATAGACGAA TGAAAGGAAT TTTTCCCGAA CGGTAAGATA GCTATTGCTA TTTCATTGTT TCTTGCTCTT ATTATTGGGC 3601 GCCATTCTAT CGATAACGAT AAAGTAACAA AGAACGAGAA TAATAACCCG TTAACTCAAT TCTTGTGGGT TATCTCTCTG ATATTAGCGC ACAATTACCC 3651 AATTGAGTTA AGAACACCCA ATAGAGAGAC TATAATCGCG TGTTAATGGG TCTGATTTTG TTCAGGGCGT TCAGTTAATT CTCCCGTCTA ATGCGCTTCC 3701 AGACTAAAAC AAGTCCCGCA AGTCAATTAA GAGGGCAGAT TACGCGAAGG CTGTTTTTAT GTTATTCTCT CTGTAAAGGC TGCTATTTTC ATTTTTGACG 3751 GACAAAAATA CAATAAGAGA GACATTTCCG ACGATAAAAG TAAAAACTGC TTAAACAAAA AATCGTTTCT TATTTGGATT GGGATAAATA AATATGGCTG 3801 AATTTGTTTT TTAGCAAAGA ATAAACCTAA CCCTATTTAT TTATACCGAC 3851 TTTATTTTGT AACTGGCAAA TTAGGCTCTG GAAAGACGCT CGTTAGCGTT AAATAAAACA TTGACCGTTT AATCCGAGAC CTTTCTGCGA GCAATCGCAA 3901 GGTAAGATTC AGGATAAAAT TGTAGCTGGG TGCAAAATAG CAACTAATCT CCATTCTAAG TCCTATTTTA ACATCGACCC ACGTTTTATC GTTGATTAGA 3951 TGATTTAAGG CTTCAAAACC TCCCGCAAGT CGGGAGGTTC GCTAAAACGC ACTAAATTCC GAAGTTTTGG AGGGCGTTCA GCCCTCCAAG CGATTTTGCG 4001 CTCGCGTTCT TAGAATACCG GATAAGCCTT CTATTTCTGA TTTGCTTGCT GAGCGCAAGA ATCTTATGGC CTATTCGGAA GATAAAGACT AAACGAACGA 4051 ATTGGTCGTG GTAATGATTC CTACGACGAA AATAAAAACG GTTTGCTTGT TAACCAGCAC CATTACTAAG GATGCTGCTT TTATTTTTGC CAAACGAACA

4101 TCTTGATGAA TGCGGTACTT GGTTTAATAC CCGTTCATGG AATGACAAGG

AGAACTACTT ACGCCATGAA CCAAATTATG GGCAAGTACC TTACTGTTCC

Figur	e 3 <b>G</b>	20	0/39		
4151				ATGCTCGTAA TACGAGCATT	
4201				ATTGTTGATA TAACAACTAT	
4251				TCGCCGTCTG AGCGGCAGAC	
4301	•			TTGTTACTGG AACAATGACC	
4351	•			AAATATGGTG TTTATACCAC	
4401	AAGCCCTACT TTCGGGATGA			TGGTAAGAAT ACCATTCTTA	
4451				ATTATGATTC TAATACTAAG	
4501				CGGTATTTCA GCCATAAAGT	
4551				ATATTTGAAA TATAAACTTT	
4601				CAGCATTTAC GTCGTAAATG	
4651				GTAGTCTCTC CATCAGAGAG	
4701				GCGTCTTAAT CGCAGAATTA	
4751				TAATTAATAG ATTAATTATC	
4801				GATTTATGTA CTAAATACAT	
4851				ATGTAATTAA TACATTAATT	
4901				CAAGTAATTG GTTCATTAAC	·
4951				TTCAAAGCAA AAGTTTCGTT	

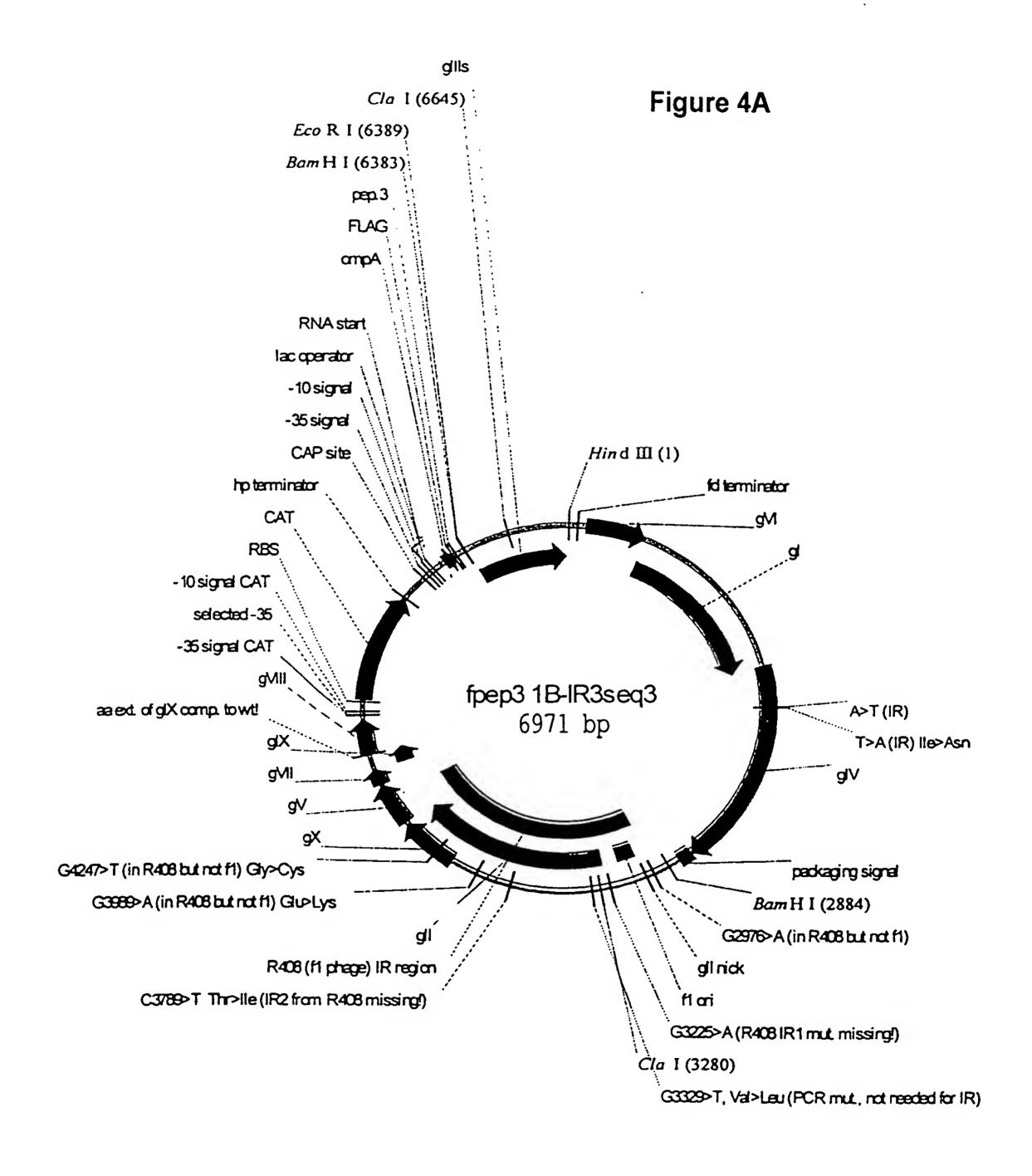
Figur	e 3H	2	1/39		
5001				CAGTGACTGT GTCACTGACA	
5051	GACGTTAAGC CTGCAATTCG			TTTATCTCTG AAATAGAGAC	
5101				TTCCATAATT AAGGTATTAA	
5151		TCAGGATTAT AGTCCTAATA		TGCCATCATC ACGGTAGTAG	
5201	•	ATAATTCCGC TATTAAGGCG		GGTTTCTTTG CCAAAGAAAC	
5251				TAACGTTCGC ATTGCAAGCG	
5301	TAATAAGGGT ATTATTCCCA			CTAATACATC GATTATGTAG	
5351		CTGTTGATGG GACAACTACC		TTAGTAGTTA AATCATCAAT	
5401	AGATATTTTA TCTATAAAAT			TTCTACTGTT AAGATGACAA	
5451		ATTGATTGAA TAACTAACTT		TCGAGGTTCA AGCTCCAAGT	
5501			TGCTGGCTCT ACGACCGAGA	CAGCGCGGCA GTCGCGCCGT	CTGTTGCTGG GACAACGACC
5551		ACTGACCGTC TGACTGGCAG		TTTATCTTCT AAATAGAAGA	
5601	CGTTCGGTAT GCAAGCCATA	TTTTAACGGC AAAATTGCCG		GGCTATCAGT CCGATAGTCA	TCGCGCATTA AGCGCGTAAT
5651				GTGCCTCGTA CACGGAGCAT	
5701	<b></b>			CCAGAATGTC GGTCTTACAG	
5751				TAAATAATCC ATTTATTAGG	
5801				AGTGTTTTTC TCACAAAAAG	

Figure	e 3 <b>I</b>	2	2/39		
5851		AATATTGTTT TTATAACAAA	TAGATATAAC		
5901		TCAGGCAAGT AGTCCGTTCA			
5951		ATTTGCGTGA TAAACGCACT			
6001		AACACTTCTC TTGTGAAGAG			
6051		CGGCCTCCTG GCCGGAGGAC			
6101		ACGTGCTCGT TGCACGAGCA			
6151		CGCGGCGGGT GCGCCGCCCA			
6201		CCCTAGCGCC GGGATCGCGG			
					BamHI
6251		TCCGGCTTTC AGGCCGAAAG		_	GGGATCCCTT
6251 6301	GCGGTGCAAG TAGGGTTCCG		GGGCAGTTCG TTACGGCACC	AGATTTAGCC TCGACCTCCA	GGGATCCCTT CCCTAGGGAA AAAACTTGAT
	GCGGTGCAAG  TAGGGTTCCG ATCCCAAGGC  TTGGGTGATG	AGGCCGAAAG ATTTAGTGCT	GGGCAGTTCG TTACGGCACC AATGCCGTGG TGGGCCATCG	AGATTTAGCC TCGACCTCCA AGCTGGAGGT CCCTGATAGA	GGGATCCCTT CCCTAGGGAA AAAACTTGAT TTTTGAACTA CGGTTTTTCG
6301	GCGGTGCAAG TAGGGTTCCG ATCCCAAGGC TTGGGTGATG AACCCACTAC CCCTTTGACG	AGGCCGAAAG  ATTTAGTGCT TAAATCACGA  GTTCACGTAG	GGGCAGTTCG TTACGGCACC AATGCCGTGG TGGGCCATCG ACCCGGTAGC CGTTCTTTAA	AGATTTAGCC TCGACCTCCA AGCTGGAGGT CCCTGATAGA GGGACTATCT TAGTGGACTC	GGGATCCCTT CCCTAGGGAA  AAAACTTGAT TTTTGAACTA  CGGTTTTTCG GCCAAAAAGC  TTGTTCCAAA
6301 6351	TAGGGTTCCG ATCCCAAGGC  TTGGGTGATG AACCCACTAC  CCCTTTGACG GGGAAACTGC  CTGGAACAAC	AGGCCGAAAG  ATTTAGTGCT TAAATCACGA  GTTCACGTAG CAAGTGCATC  TTGGAGTCCA	GGGCAGTTCG TTACGGCACC AATGCCGTGG TGGGCCATCG ACCCGGTAGC CGTTCTTTAA GCAAGAAATT AACTCGGCCT	AGATTTAGCC TCGACCTCCA AGCTGGAGGT CCCTGATAGA GGGACTATCT TAGTGGACTC ATCACCTGAG ATTCTTTTGA	GGGATCCCTT CCCTAGGGAA  AAAACTTGAT TTTTGAACTA  CGGTTTTTCG GCCAAAAAGC  TTGTTCCAAA AACAAGGTTT  TTTATAAGGA
6301 6351 6401	TAGGGTTCCG ATCCCAAGGC  TTGGGTGATG AACCCACTAC  CCCTTTGACG GGGAAACTGC  CTGGAACAAC GACCTTGTTG	AGGCCGAAAG  ATTTAGTGCT TAAATCACGA  GTTCACGTAG CAAGTGCATC  TTGGAGTCCA AACCTCAGGT  ACTCACAACT	TTACGGCACC AATGCCGTGG  TGGGCCATCG ACCCGGTAGC  CGTTCTTTAA GCAAGAAATT  AACTCGGCCT TTGAGCCGGA  CTGGTTAAAA	AGATTTAGCC TCGACCTCCA AGCTGGAGGT CCCTGATAGA GGGACTATCT TAGTGGACTC ATCACCTGAG ATTCTTTTGA TAAGAAAACT AATAAGCTGA	GGGATCCCTT CCCTAGGGAA  AAAACTTGAT TTTTGAACTA  CGGTTTTTCG GCCAAAAAGC  TTGTTCCAAA AACAAGGTTT  TTTATAAGGA AAATATTCCT  TTTAACAAAT
6301 6351 6401	TAGGGTTCCG ATCCCAAGGC  TTGGGTGATG AACCCACTAC  CCCTTTGACG GGGAAACTGC  CTGGAACAAC GACCTTGTTG  TTTTTGTCAT AAAAACAGTA  ATTTAACGCG	AGGCCGAAAG  ATTTAGTGCT TAAATCACGA  GTTCACGTAG CAAGTGCATC  TTGGAGTCCA AACCTCAGGT  ACTCACAACT TGAGTGTTGA  TTTCTGCTTA	TTACGGCACC AATGCCGTGG  TGGGCCATCG ACCCGGTAGC  CGTTCTTTAA GCAAGAAATT  AACTCGGCCT TTGAGCCGGA  CTGGTTAAAA GACCAATTTT  AAACATTAAC	AGATTTAGCC TCGACCTCCA AGCTGGAGGT CCCTGATAGA GGGACTATCT TAGTGGACTC ATCACCTGAG ATTCTTTTGA TAAGAAAACT AATAAGCTGA TTATTCGACT GTTTACAATT	GGGATCCCTT CCCTAGGGAA  AAAACTTGAT TTTTGAACTA  CGGTTTTTCG GCCAAAAAGC  TTGTTCCAAA AACAAGGTTT  TTTATAAGGA AAATATTCCT  TTTAACAAAT AAATTGTTTA  TAAATATTTG

23/39 Figure 3J ClaI CATATGATTG ACATGCTAGT TTTACGATTA CCGTTCATCG ATTCTCTTGT 6651 GTATACTAAC TGTACGATCA AAATGCTAAT GGCAAGTAGC TAAGAGAACA TTGCTCCAGA CTTTCAGGTA ATGACCTGAT AGCCTTTGTA GACCTCTCAA 6701 AACGAGGTCT GAAAGTCCAT TACTGGACTA TCGGAAACAT CTGGAGAGTT AAATAGCTAC CCTCTCCGGC ATGAATTTAT CAGCTAGAAC GGTTGAATAT 6751 TTTATCGATG GGAGAGGCCG TACTTAAATA GTCGATCTTG CCAACTTATA CATATTGACG GTGATTTGAC TGTCTCCGGC CTTTCTCACC CGTTTGAATC 6801 GTATAACTGC CACTAAACTG ACAGAGGCCG GAAAGAGTGG GCAAACTTAG TTTGCCTACT CATTACTCCG GCATTGCATT TAAAATATAT GAGGGTTCTA 6851 AAACGGATGA GTAATGAGGC CGTAACGTAA ATTTTATATA CTCCCAAGAT AAAATTTTTA TCCCTGCGTT GAAATTAAGG CTTCACCAGC AAAAGTATTA 6901 TTTTAAAAAT AGGGACGCAA CTTTAATTCC GAAGTGGTCG TTTTCATAAT CAGGGTCATA ATGTTTTTGG TACAACCGAT TTAGCTTTAT GCTCTGAGGC 6951 GTCCCAGTAT TACAAAAACC ATGTTGGCTA AATCGAAATA CGAGACTCCG TTTATTGCTT AATTTTGCTA ACTCTCTGCC TTGCTTGTAC GATTTATTGG 7001 AAATAACGAA TTAAAACGAT TGAGAGACGG AACGAACATG CTAAATAACC 7051 ATGTT

TACAA

#### 24/39



		2	5/39		
Figure 4B	HindIII				
1					ATACAATTAA TATGTTAATT
51					ATCATGCCAG TAGTACGGTC
101					CCTTCTGGTA GGAAGACCAT
151					TCGGTAAGAT AGCCATTCTA
201					CTTAACTCAA GAATTGAGTT
251					CTCTGATTTT GAGACTAAAA
301					CCTGTTTTTA GGACAAAAAT
351					GTTAAACAAA CAATTTGTTT
401		TTATTTGGAT AATAAACCTA			GTTTATTTTG CAAATAAAAC
451					TGGTAAGATT ACCATTCTAA
501		TTGTAGCTGG AACATCGACC			
551		CTCCCGCAAG GAGGGCGTTC			CCTCGCGTTC GGAGCGCAAG
601		GGATAAGCCT CCTATTCGGA			TATTGGTCGT ATAACCAGCA
651		CCTACGACGA GGATGCTGCT			
701		TGGTTTAATA ACCAAATTAT			
751	CGATTATTGA	TTGGTTTCTT	CATGCTCGTA	AATTGGGATG	GGATATTATT

GCTAATAACT AACCAAAGAA GTACGAGCAT TTAACCCTAC CCTATAATAA

Figure	e 4C	2	6/39		
801		AGGATTTATC TCCTAAATAG			
851		GTTGTTTATT CAACAAATAA			ACTTTACCCT TGAAATGGGA
901		TTTATATTCT AAATATAAGA			
951		TTGGTGTTGT AACCACAACA			
1001	•	TGGCTTTATA ACCGAAATAT			• • • • • • • • • • • • • • • • • • • •
1051		TTTTTCCAGT AAAAAGGTCA			
1101		TATCACACGG ATAGTGTGCC			
1151		TTAACTAAAA AATTGATTTT			
1201		AGGATTTGCA TCCTAAACGT			
1251		AGGTTAAAAA TCCAATTTTT		<del>-</del>	
1301		GACTCTTCTC CTGAGAAGAG			
1351		TAAGGGAAAA ATTCCCTTTT			
1401		TCACATATAT AGTGTATATA			
1451		GAAATTGTTA CTTTAACAAT			
1501		CTTCTTTTGC GAAGAAAACG			
1551		GTGACTTGGT CACTGAACCA			
1601		TGTTAAAGGT ACAATTTCCA			

Figure	4D	2	7/39		
1651				GTTTTACGTG CAAAATGCAC	
1701	TGATATGGTT ACTATACCAA			TCAGAAATAT AGTCTTTATA	
1751				CTGATATTCA GACTATAAGT	
1801				GTTCCGCAAA CAAGGCGTTT	
1851				CGCAAAGGAT GCGTTTCCTA	
1901				CTAAATCCTC GATTTAGGAG	
1951				AGCGCCCCTA TCGCGGGGAT	
2001				TGATTTGCCA ACTAAACGGT	
2051				AGCAAGGTGA TCGTTCCACT	
2101				ACTGTTGCTG TGACAACGAC	
2151				TGCGGGTGGT ACGCCCACCA	
2201				TTCGCGCATT AAGCGCGTAA	
2251				ATTCTTACGC TAAGAATGCG	
2301				CCCTTTTATT GGGAAAATAA	
2351				CATTTCAGAC GTAAAGTCTG	
2401				CCCGTTGCAA GGGCAACGTT	
2451				CGATAGTTTG GCTATCAAAC	

Figure	4Ė	7	28/39		
2501	CTCAGGCAAG GAGTCCGTTC	TGATGTTATT	ACTAATCAA	A GAAGTATTGC	
2551				GGTGGCCTCA CCACCGGAGT	
2601				CCTGTCTAAA GGACAGATTT	
2651				CTAACGAGGA GATTGCTCCT	
2701				GCCCTGTAGC CGGGACATCG	
2751				TGACCGCTAC ACTGGCGATG	
2801				CCTTCCTTTC GGAAGGAAAG	
				BamHI	
2851				GGGGATCCCT CCCCTAGGGA	
2901				AAAAACTTGA TTTTTGAACT	
2951				ACGGTTTTTC TGCCAAAAAG	
3001				CTTGTTCCAA GAACAAGGTT	ACTGGAACAA TGACCTTGTT
3051				ATTTATAAGG TAAATATTCC	
3101				ATTTAACAAA TAAATTGTTT	
3151				TTAAATATTT AATTTATAAA	
3201	TCTTCCTGTT TAGAAGGACAA			CAACCGGGGT GTTGGCCCCA	
			Cla	ıI	
3251	GACATGCTAG T				

#### 29/39 Figure 4F ACTCTCAGGC AATGACCTGA TAGCCTTTTT AGACCTCTCA AAAATAGCTA 3301 TGAGAGTCCG TTACTGGACT ATCGGAAAAA TCTGGAGAGT TTTTATCGAT CCCTCTCCGG CATGAATTTA TCAGCTAGAA CGGTTGAATA TCATATTGAT 3351 GGGAGAGGCC GTACTTAAAT AGTCGATCTT GCCAACTTAT AGTATAACTA GGTGATTTGA CTGTCTCCGG CCTTTCTCAC CCGTTTGAAT CTTTACCTAC 3401 CCACTAAACT GACAGAGGCC GGAAAGAGTG GGCAAACTTA GAAATGGATG ACATTACTCA GGCATTGCAT TTAAAATATA TGAGGGTTCT AAAAATTTTT 3451 TGTAATGAGT CCGTAACGTA AATTTTATAT ACTCCCAAGA TTTTTAAAAA ATCCTTGCGT TGAAATAAAG GCTTCTCCCG CAAAAGTATT ACAGGGTCAT 3501 TAGGAACGCA ACTTTATTTC CGAAGAGGGC GTTTTCATAA TGTCCCAGTA AATGTTTTTG GTACAACCGA TTTAGCTTTA TGCTCTGAGG CTTTATTGCT 3551 TTACAAAAAC CATGTTGGCT AAATCGAAAT ACGAGACTCC GAAATAACGA TAATTTTGCT AATTCTTTGC CTTGCCTGTA TGATTTATTG GATGTTAACG 3601 ATTAAAACGA TTAAGAAACG GAACGGACAT ACTAAATAAC CTACAATTGC CTACTACTAT TAGTAGAATT GATGCCACCT TTTCAGCTCG CGCCCCAAAT 3651 GATGATGATA ATCATCTTAA CTACGGTGGA AAAGTCGAGC GCGGGGTTTA GAAAATATAG CTAAACAGGT TATTGACCAT TTGCGAAATG TATCTAATGG 3701 CTTTTATATC GATTTGTCCA ATAACTGGTA AACGCTTTAC ATAGATTACC TCAAACTAAA TCTACTCGTT CGCAGAATTG GGAATCAACT GTTACATGGA 3751 AGTTTGATTT AGATGAGCAA GCGTCTTAAC CCTTAGTTGA CAATGTACCT 3801 ATGAAACTTC CAGACACCGT ACTTTAGTTG CATATTTAAA ACATGTTGAG TACTTTGAAG GTCTGTGGCA TGAAATCAAC GTATAAATTT TGTACAACTC 3851 CTACAGCACC AGATCCAGCA ATTAAGCTCT AAGCCATCCG CAAAAATGAC GATGTCGTGG TCTAGGTCGT TAATTCGAGA TTCGGTAGGC GTTTTTACTG 3901 CTCTTATCAA AAGGAGCAAT TAAAGGTACT CTCTAATCCT GACCTGTTGG GAGAATAGTT TTCCTCGTTA ATTTCCATGA GAGATTAGGA CTGGACAACC 3951 AGTTTGCTTC CGGTCTGGTT CGCTTTGAAG CTCGAATTAA AACGCGATAT TCAAACGAAG GCCAGACCAA GCGAAACTTC GAGCTTAATT TTGCGCTATA 4001 TTGAAGTCTT TCGGGCTTCC TCTTAATCTT TTTGATGCAA TCCGCTTTGC AACTTCAGAA AGCCCGAAGG AGAATTAGAA AAACTACGTT AGGCGAAACG

4051 TTCTGACTAT AATAGTCAGG GTAAAGACCT GATTTTTGAT TTATGGTCAT

4101 TCTCGTTTTC TGAACTGTTT AAAGCATTTG AGGGGGATTC AATGAATATT

AAGACTGATA TTATCAGTCC CATTTCTGGA CTAAAAACTA AATACCAGTA

AGAGCAAAAG ACTTGACAAA TTTCGTAAAC TCCCCCTAAG TTACTTATAA

Figure	4G	3	0/39	
4151			GGACGCTATC CCTGCGATAG	ATTTTACTAT TAAAATGATA
4201	TACCCCCTCT ATGGGGGAGA			TATTTTTGTT ATAAAAACAA
4251			GAGGGTTATG CTCCCAATAC	
4301	CCTCGTAATT GGAGCATTAA		TTATGTATCT AATACATAGA	 AATGTGGTAT TTACACCATA
4351			ATCTTTCTAC TAGAAAGATG	GTTGTTCCGT CAACAAGGCA
4401	TAGTTCGTTT ATCAAGCAAA		GATTTTTCTT CTAAAAAGAA	TGACTGGTAT ACTGACCATA
4451			CGCATAAGGT GCGTATTCCA	 
4501	GAAATTAAAC CTTTAATTTG		GCAATTCACT CGTTAAGTGA	
4551			TGAATGAGCA ACTTACTCGT	
4601			GTCAAGATTA CAGTTCTAAT	
4651			CACCGTGCAT GTGGCACGTA	
4701			TTGACCGTCT AACTGGCAGA	
4751			TTTCGACACA AAAGCTGTGT	
4801			TCGCGCTTGG AGCGCGAACC	
4851			CTTTCGCCTC GAAAGCGGAG	
4901			TTTACCCGTT AAATGGGCAA	
4951	GTAAGTCTTT		GCCTCCGTAG	

CATTCAGAAA TCAGGAGTTT CGGAGGCATC GGCAACGATG GGAGCAAGGC

## **Figure 4H** 31/39

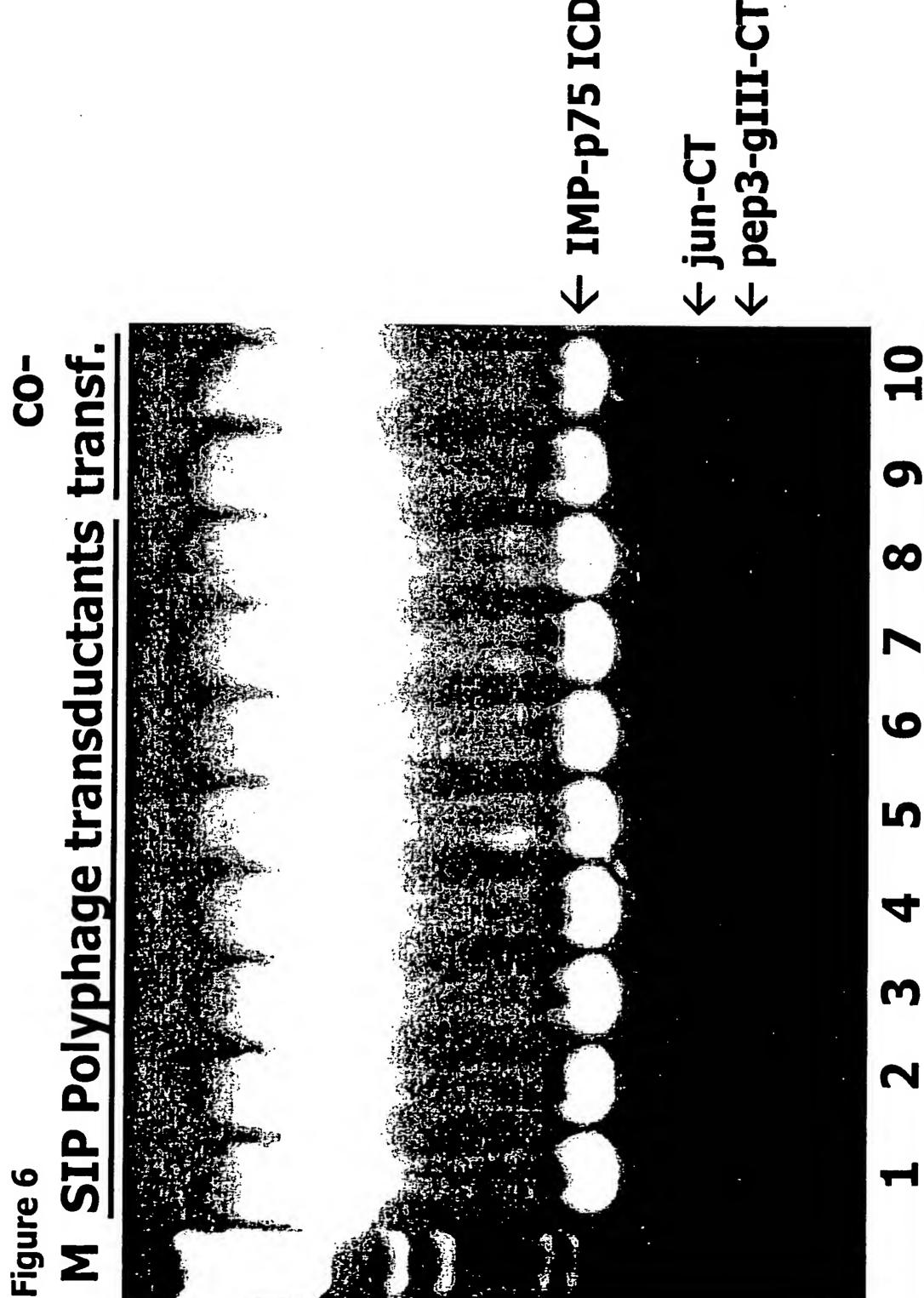
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5051				TGGGCGATGG ACCCGCTACC
5101	TTGTTGTCAT AACAACAGTA			TAAGAAATTC ATTCTTTAAG
5151		CAAGCTGATA GTTCGACTAT		
5201		TTTCACCATA AAAGTGGTAT	 **= ***********************************	GGCGTATTTT CCGCATAAAA
5251		GAGATTTTCA CTCTAAAAGT		GGAGAAAAA CCTCTTTTTT
5301		ATACCACCGT TATGGTGGCA		
5351		TTTCAGTCAG AAAGTCAGTC		
5401		TACGGCCTTT ATGCCGGAAA		
5451		CCTTTATTCA GGAAATAAGT		
5501		ATGGCAATGA TACCGTTACT		
5551		TTACACCGTT AATGTGGCAA		
5601		AATACCACGA TTATGGTGCT	_	– – .
5651		GCGTGTTACG CGCACAATGC		
5701	TTATTGAGAA AATAACTCTT	TATGTTTTTC ATACAAAAAG		
5751		TAAACGTAGC ATTTGCATCG		
5801	CACTATGGGC GTGATACCCG	АААТАТТАТА ТТТАТААТАТ		

Figu	ıre 4I	3	2/39		
5851		TCATCATGCC AGTAGTACGG			
5901		TACAACAGTA ATGTTGTCAT			
5951		AGTTATTGGT TCAATAACCA			
6001		AGGCTCTCCC TCCGAGAGGG			
6051		TGACAGGAGG ACTGTCCTCC			
6101		GTTAGCTCAC CAATCGAGTG			
6151		CGTATGTTGT GCATACAACA			
6201		CTATGACCAT GATACTGGTA			
6251		GACAGCTATC CTGTCGATAG			
6301		AGGCCGACTA TCCGGCTGAT			
				BamHI Eco	ORI
6351		GTTGCTAAGT CAACGATTCA			
6401		TGGTGGTGGT ACCACCACCA			
6451		GTTCTGAGGG CAAGACTCCC			_ + +
6501		TCCGGTGATT AGGCCACTAA			
6551		GACCGAAAAT CTGGCTTTTA			

33/39 Figure 4J ClaI 6601 AAAGGCAAAC TTGATTCTGT CGCTACTGAT TACGGTGCTG CTATCGATGG TTTCCGTTTG AACTAAGACA GCGATGACTA ATGCCACGAC GATAGCTACC TTTCATTGGT GACGTTTCCG GCCTTGCTAA TGGTAATGGT GCTACTGGTG 6651 AAAGTAACCA CTGCAAAGGC CGGAACGATT ACCATTACCA CGATGACCAC ATTTTGCTGG CTCTAATTCC CAAATGGCTC AAGTCGGTGA CGGTGATAAT 6701 TAAAACGACC GAGATTAAGG GTTTACCGAG TTCAGCCACT GCCACTATTA TCACCTTTAA TGAATAATTT CCGTCAATAT TTACCTTCCC TCCCTCAATC 6751 AGTGGAAATT ACTTATTAAA GGCAGTTATA AATGGAAGGG AGGGAGTTAG 6801 GGTTGAATGT CGCCCTTTTG TCTTTGGCGC TGGTAAACCA TATGAATTTT CCAACTTACA GCGGGAAAAC AGAAACCGCG ACCATTTGGT ATACTTAAAA 6851 CTATTGATTG TGACAAAATA AACTTATTCC GTGGTGTCTT TGCGTTTCTT GATAACTAAC ACTGTTTTAT TTGAATAAGG CACCACAGAA ACGCAAAGAA TTATATGTTG CCACCTTTAT GTATGTATTT TCTACGTTTG CTAACATACT 6901 AATATACAAC GGTGGAAATA CATACATAAA AGATGCAAAC GATTGTATGA HindIII 6951 GCGTAATAAG GAGTCTTGAT A

CGCATTATTC CTCAGAACTA T

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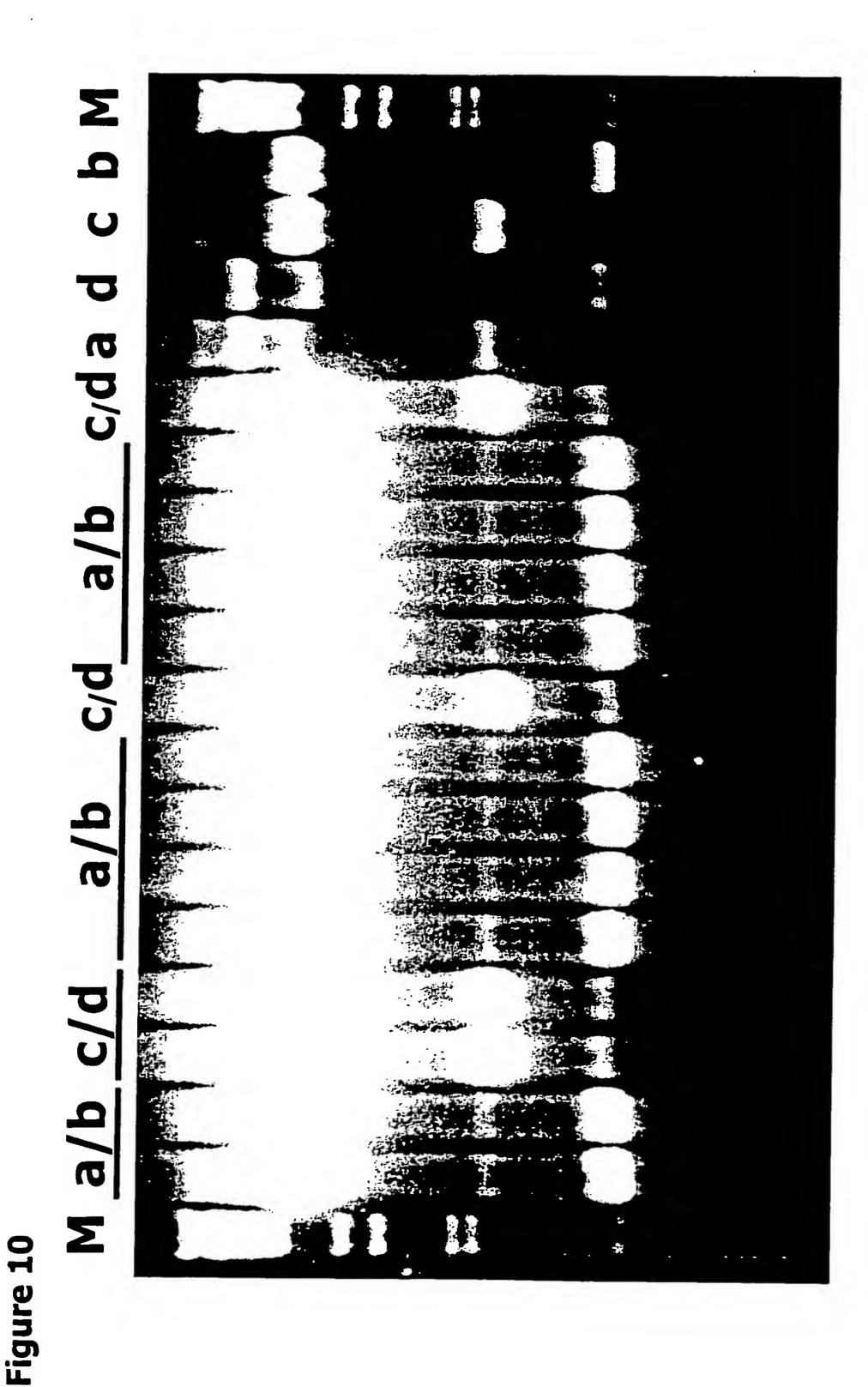
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transductants	(t.u./ml)*	6 × 10 ⁵		$1.2 \times 10^4$	8.6 × 10 ²	$1.2 \times 10^2$	12#	1.2#	0.12#
dilution factor	jun/p75ICD	control -	control 1	102	103	104	102	10 _e	10,
	75ICD	pos.	neg.						
	ep3/p	<b>+</b>		<b>17-1</b>		<b>~</b>			-

Figure 8

c a  $1.2 \times 10^6$   $4.4 \times 10^2$  $2.2 \times 10^2$ 40  $3.7 \times 10^7$  $2.4x10^5$  $1.8 \times 10^{2}$ 

Figure 9



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